

If you have a S&B credential, and you have continuing education responsibilities, please look at the back page of this *WBCR* to check your con ed status info

If you have continuing education responsibilities for a S&B credential, there should be a line or two above your mailing address on this report that says something like "CBI needs 3.5 hours by 3/30/01."

That line means the person to whom the *WBCR* is addressed has a Commercial Building Inspector credential, and S&B records say the person has 3.5 hours more credit needed before 3/30/01. A CBI needs 12 hours over two years in order to renew their credential. Therefore, the person in the example would, according to S&B records, have already obtained 8.5 hours credit. (The continuing education periods end three months before the credential expiration date. CBI credentials have a June 30 expiration.)

S&B records are usually not exactly up-to-date because class providers take time to send class credit hours information to the division, and the division needs some time to enter the information in the records. Also, information is drawn from the computer records about two weeks before the codes report is mailed. **(In other words, while the information is an attempted courtesy to credential holders, individuals are still responsible for their con ed requirements and fulfill their obligations. What is or is not printed on a codes report doesn't lessen the credential holder's responsibility.)**

In any case, if the printed line doesn't seem correct to you, remembering the lag time, please

contact the S&B Credentialing Unit, 608-261-8500, madisoncred@commerce.state.wi.us.

The addressing capability of the code report's mailing vendor only allows S&B to provide information on three or four credentials. If someone has more credentials than that, more information in S&B records is available by contacting the division as noted above. People may also find the information as part of the credential listings on the S&B WebSite. A link to the credentials list information can be found on the S&B Home Page, <http://www.commerce.state.wi.us/SB/SB-HomePage.html>. The Internet credential lists are undated on a monthly basis, with the date noted on the separate files.

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Wisconsin Building Codes Report

Safety and Buildings Division,
Department of Commerce

May 2000



Numbers of people holding some of the licenses, certifications, and registrations administered by the Safety and Buildings Division



How many of you are there?



Boiler-Pressure Vessel Inspectors	147	Rental Weatherization Inspector	606
Commercial Building Inspectors	573	Soil Erosion Inspector	135
Commercial Electrical Inspectors	279	UDC-Construction Inspectors	963
Dwelling Contractor Financial Responsibility...	7078	UDC-Electrical Inspectors	685
Elevator Inspectors	25	UDC-HVAC Inspectors	814
POWTS Inspectors	385	UDC-Plumbing Inspectors	599
Automatic Fire Sprinkler Contractors			70
Journeyman Automatic Fire Sprinkler Fitters			460
Automatic Fire Sprinkler System Apprentices			226
Automatic Fire Sprinkler Contractors-Maintenance			37
Automatic Fire Sprinkler Fitters-Maintenance			76
Automatic Fire Sprinkler System Testers			48

For those of you who receive the WBCR free because you have a credential administered by the Safety and Buildings Division, address changes should be provided to the S&B Credential Unit, madisoncred@commerce.state.wi.us, 608-261-8500.

People with paid subscriptions, may request service and provide address changes through Material Orders, PO Box 2509, Madison, WI 53701. Fax 608-261-6699. Telephone 608-267-4405. Email phobbs@commerce.state.wi.us.

Subscriptions are \$20, payable in advance to the Safety and Buildings Division for 12 monthly issues.

Fire Chiefs: Please be looking for a letter and three surveys from the Safety and Buildings Division Fire Safety Program. The package was mailed to each fire department in Wisconsin in mid-May. The three survey subjects are the Fire Department Annual Update, National Model Fire Codes, and Fire Incident Reporting. If you do not receive the package by the time you are reading this, contact Tom Cunningham, 608-267-2497, tcunningham@commerce.state.wi.us.

Direct comments, suggestions for articles, etc., to Todd Taylor. Fax 608-264-8795. Telephone 608-267-3606. ttaylor@commerce.state.wi.us/ Madison mailing address above.

State administrative codes and the code update service may be purchased by contacting state Document Sales, 608-266-3358, or 800-362-7253, for credit card purchases. ♦ ♦ ♦ ♦ ♦ ♦

POWTS credential Q and A looks at who can do pieces of the installation work

Q1) Must a master plumber stake the POWTS mound, or can a qualified person do it, i.e. surveyor, architect, etc.?

Answer: Anyone can stake it out. However, the plumber is responsible for its location.

Q2) Must a master plumber run the heavy equipment, cut the weeds, or plow the mound? Must the master plumber place the final cover and seed the mound?

Answer: Licensed plumbers must be the ones doing work defined in the POWTS code as “plumbing.” One doesn’t need a plumbing credential to perform the tasks in question. However the tasks should be done with care, so as to not ruin the site and to comply with the code.

“Licensed plumbers must be the ones doing work defined in the POWTS code as ‘plumbing.’”

Q3) Must a master plumber seal the cover of the septic tank? What about manufacturer’s warranty?

Answer: No, the master is responsible for the cover, but other plumbers may do the work. In general, there are no manufacturers’ tank warranties. Comm 83.15(1) says the tank must be watertight, Comm 83.20(3)(b) says the tank must withstand the pressure to which it will be subjected.

Q4) Can the manufacturer place the tank in the hole without a plumber present?

Answer: Yes, the manufacturer can place the tank without a plumber present. However, the master plumber is responsible for the tank being level and for the connections of piping to the tank.

Q5) Does the master plumber have to wire the pump, etc., or must a licensed electrician do that?

Answer: Administrative code does not mandate the person doing POWTS electrical work to have a credential. Statutes indicate the person doing the

work is responsible for complying with the electrical code. A knowledgeable plumber can do the work in places where there are not more restrictive local ordinances.

Q6) Must the plumber carry his supplies and tools from his truck to the job or can a laborer do that?

Answer: A laborer can do it.

Q7) Can a laborer drill holes in the mound pipes?

Answer: A plumber must drill the holes in distribution pipes, if the holes are drilled at the site. There are no credentialing requirements for pre-drilled pipe.

Q8) Can a pipe from the building to the POWTS tank be hooked up by someone with a utility contractor’s license?

Answer: Yes. A utility contractor can install the pipe from the building to the tank and can make the connection at the tank inlet. Any pipe installed from the outlet of the tank on must be done by a properly licensed plumber.

Q9) Does the master/journeyman plumber- have to be present during inspections?

Answer: No, unless the plumber is required by the county to be present.

If you have questions, please contact one of the POWTS or plumbing consultants listed on pages 14-15 of this *WPCR*. Consultants and their county responsibilities are available on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-Contacts.html>.

Lists of people holding
S&B credentials:

<http://www.commerce.state.wi.us/SB/SB-CredentialsList.html>

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Update on IBC consideration in Wisconsin

by J.B. Smith, S&B Commercial Buildings Program Manager, 608-266-0251, jsmith@commerce.state.wi.us

The analysis and review by the Safety and Buildings Division of possible adoption of the International Building Code in Wisconsin is virtually complete.

Division staff are currently drafting the language that would not only adopt the IBC, but also would add “*Wisconsinisms*.” Wisconsinisms are changes or additions to the IBC that are necessary for the code to be used in our state. Some of the Wisconsinisms are required due to language found in statutes, while others are suggestions made by code users that would make the national model IBC better suited to the Badger State.

We are working on the first draft at this time, and I expect there will be at least three iterations before the draft is ready for public distribution. It seems we are on track for public hearings on IBC adoption as early as this fall, with a projected adoption date of July 2001 and a possible effective date of July 2002.

We are also in the process of identifying areas in the IBC that are administrative in nature. In some instances, IBC chapters are sprinkled with terms or phrases that imply an action on the part of a “code official.” S&B is compiling a list of those sections so it can be decided as to how or if they should be used in Wisconsin. We want to be able to be reasonably sure the code adoption does not create responsibilities that S&B, or our partners, cannot follow through on.

You may have heard that several more S&B staff members have been appointed to national code committees. I was appointed to two of the International Code Council’s code development committees (Fire Safety and Means of Egress). In March I had my first opportunity to “sit on the dais.” At Birmingham, Alabama public hearings we

heard the first round of changes that were being considered for the 2003 version of the IBC. Although the division did not present any recommended changes for this cycle, it was refreshing to note that some of the thoughts being considered nationally were of the same vein as those we have been “thrashing out” here in Wisconsin.

In case you have not heard, Wisconsin and the state of New York are sharing their experiences and pains associated with the IBC adoption.

Although New York does not have the rich history associated with their state code that we have (ours since 1914, theirs since 1984), we were the only two states in the union that had not yet taken the plunge into model codes. New York made the decision to go with the ICC codes in the fall of 1999 and are early in their review process. Most of their technical councils have met at most twice.

Code officials from the two states have been communicating regularly since last year, including several staff exchange visits. I had the opportunity to attend their first public hearing on the adoption in early May, sponsored by the Hudson Valley Code Enforcement Officials, held in conjunction with their annual educational conference in Fishkill, New York. For the Wisconsin code officials reading this article, find comfort in the fact that the code officials in that state are also anxious about the prospect of dealing with different code language and renewed enforcement perspectives.

S&B WebSite [http://
www.commerce.state.wi.us/
SB/SB-HomePage.html](http://www.commerce.state.wi.us/SB/SB-HomePage.html)

Safety and Buildings-related codes are on the Internet
<http://www.legis.state.wi.us/rsb/code/comm>

Changes to Comm 83 also affect the UDC

by Laurence J. Swaziek, S&B UDC Program Manager, 608-267-7701, lswaziek@commerce.state.wi.us

Changes to Comm 83, the Private Onsite Wastewater Treatment Systems code, have been adopted, with an effective date of July 1, 2000. Since the POWTS governed by this change can be used in conjunction with one- and two-family dwellings, the new Comm 83 means changes to the Uniform Dwelling Code, Comm 20 - 25.

The changes include:

- ☐ Adding definitions for the terms “composting toilet system,” “incinerating toilet,” and “privy” to Comm 20.07.
- ☐ Creating Comm 25.02, which specifies that composting toilets, incinerating toilets, and privies meet the requirements of Comm 91.
- ☐ Modifying and converting to code language the note under Comm 20.09(5)(b)2 referring to “prohibition of issuance of a building permit until a POWTS system, if required, has been permitted.”
- ☐ Adding to the UDC appendix, Comm 20.09, a reprint of the new Comm 83.25(2) dealing with issuance of building permits.

These changes will not become effective until July

1, 2000. As always, for an exact copy of the code text and the code requirements, please refer to the actual code document. You may purchase a paper copy from Document Sales at 608-266-3358. You may also access the S&B Home page, www.commerce.state.wi.us/SB/SB-HomePage.html, choose “Codes,” and find the new code language. The paper or electronic versions now contain the Comm 83-related changes.

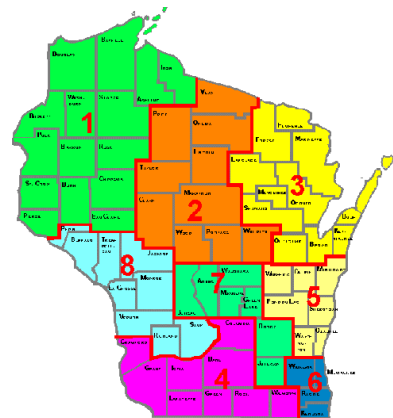
There are no changes to the construction, energy, or HVAC requirements of the UDC. Changes in those areas will not take place until around April or May of 2001.

There have been threats from several Wisconsin organizations to bring legal action to try to block implementation of Comm 83 changes. News media and the S&B Home Page (noted above) will provide information on the situation.

If you have any questions, please contact Larry Swaziek, Program Manager, One- and Two-Family Dwelling Program, 608-267-7701, lswaziek@commerce.state.wi.us.

The Safety and Buildings Division is part of the Department of Commerce. Also part of Commerce is ...

The Area Development Manager Program assists business expansions, promotes business retention, and helps local development organizations. Area development managers use their knowledge of federal, state, and regional resources to provide a variety of information to expanding or relocating firms. They also mobilize resources to help struggling businesses. Local economic development practitioners can turn to area development managers for assistance with long-term marketing and planning strategies. Contact Roger Nacker, Bureau Director, 608-266-1386, rnacker@commerce.state.wi.us.



Or visit the program on the Internet, <http://www.commerce.state.wi.us/MT/MT-FAX-0901.html>.

Continuing education now required for some automatic fire sprinkler credentials

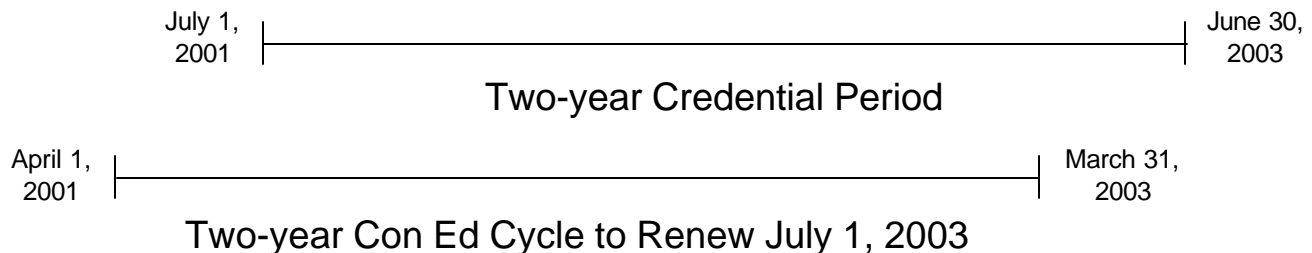
by John Lippitt, S&B Fire Safety Program Manager, 608-266-1036, jlippitt@commerce.state.wi.us

Comm 5.51 now requires that each sprinkler contractor and journeyman sprinkler fitter must receive 12 hours of approved con ed during each two-year cycle in order to renew their license. Automatic fire sprinkler contractor-maintenance credential holders will need six hours of approved con ed in two years to renew their registration. Revisions to Comm 5, the S&B Credentialing Code, became effective May 1, 2000.

The renewal of a credential for all three categories listed above which expire after June 30, 2001, will

be contingent upon the individual obtaining the required number of approved con ed hours within the credential cycle. The continuing education cycle is different than the credential period. The cycle begins three months before a credential is due for renewal and ends three months before the renewed credential expires. See timeline.

For additional information, contact the S&B Credentialing Unit, 608-261-8500, madisoncred@commerce.state.wi.us.



Qualifications change to apply for the Automatic Fire Sprinkler Contractor license

Comm 5.51(2m) now has four options for an individual to qualify for the Automatic Fire Sprinkler Contractor examination. An applicant must have at least one of the following:

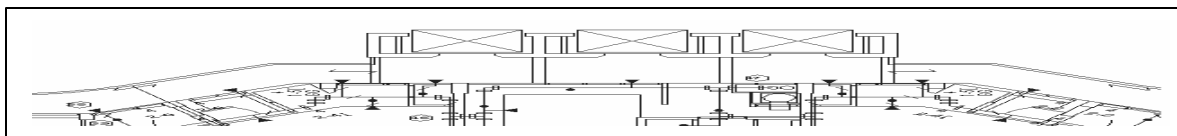
1. At least 1000 hours of experience per year for three consecutive years as a licensed Journeyman Sprinkler Fitter.
2. Graduation from an accredited 4-year university with a degree in fire protection engineering, civil, or mechanical engineering.
3. At least 1000 hours of experience per year

for at least seven years in automatic fire sprinkler design or installation; or,

4. NICET level III certification.

In the previous version of Comm 5, there were no qualifications required to take the Automatic Fire Sprinkler Contractor examination.

People interested in writing the exam may contact the S&B Credentialing Unit, 608-261-8500, madisoncred@commerce.state.wi.us, to request an application package.



Fires involving burning furniture need special preparation

In December 1998, on the tenth floor of a Brooklyn, New York, high-rise apartment building, a consuming surge of hot smoke and gases burst out through an apartment door, and with enormous energy, completely overwhelmed and killed fire fighters in the corridor. The fire also severely injured two civilians the fire fighters were attempting to rescue. The source of that tremendous amount of energy that killed and injured those five people was an ordinary sofa.

The International Association of Fire Fighters (IAFF) and the National Association of State Fire Marshals (NASFM) have a campaign for fire and buildings officials to be aware of the problem of the violent energy of burning upholstery and, in advance, to plan defensive action.

The Problem

Once ignited, an item of upholstered furniture burns rapidly, releasing an enormous amount of combustion energy that is in the polyurethane cushioning. The energy is such that it can bring an ordinary living room to flash-over condition in a matter of a few minutes - less time in many cases than it takes to respond to and attack such fires. The cushioning, when burned, also releases large amounts of thick, dark smoke and highly toxic gases.

Not only are furniture fires in individual dwellings a cause for "alarm," fires in places where furniture is concentrated can be equally dangerous. Tests conducted in Manchester, England after a 1979 fire began in a store's furniture retail section, and killed 10 shoppers, indicated such fires in un-sprinklered properties can reach energy levels of 23 megawatts in about two minutes. (Room flash-over can occur at energy levels of 1 to 1.5 megawatts.)

Furniture retail outlets pose a real challenge to life safety protection, for both civilians and fire fighters alike. Consider the amount of rigid plastics and foam plastics that make up the contents of furniture retail outlets, and the fact that these materials have a BTU content and burning rate that is about three times that of wood.

"...such fires in un-sprinklered properties can reach energy levels of 23 megawatts in about two minutes. (Room flash-over can occur at energy levels of 1 to 1.5 megawatts.)"

Precautions

Fire fighters and buildings officials should spread the word in their communities about the speed and volatility of furniture fires, for individual dwellings and furniture outlets. Fire fighters should be doubly conscious of approaching fires in living room type areas.

For places where furniture is concentrated, the IAFF and NASFM propose fire departments take steps NOW to prepare pre-fire attack plans with the following considerations:

1. Review the list of furniture retail outlets if they are, or are not, equipped with fire sprinklers. Look not only at individual furniture store showrooms, but also at other stores that have furniture sections, even antique malls or second-hand stores.
2. Prepare pre-fire attack plans accordingly, considering the amounts of polyurethane cushioning materials and the material's ability to release large amounts of combustion energy in a very short time.
3. When preparing the plan, determine if adequate exits are available for the expected occupancy load. Ensure the exits are clearly marked and accessible. Determine if there is adequate aisle spacing for exiting expected occupant loads.
4. Determine if store personnel have been adequately trained to handle a fire on premises, that they know how to notify everyone of an emergency, and can assist in making sure all occupants have exited the structure.
6. When an alarm is received for a furniture store, or a residential fire in which the item ignited is reported to be an item of upholstered furniture, the fire dispatcher should immediately relay that information to first-due companies and officials.

For more information, visit the National Association of State Fire Marshals website, www.firemarshals.org.

Buildings plan review submittal package expected to be effective September 1

Adopted changes to a number of codes administered by the Safety and Buildings Division update the administration and enforcement elements of the Commercial Building Code and the Multifamily Dwelling Code to make them consistent with current policies and practices. The revisions to Comm 2, 3, 20, 50-64, 66, 70, 75, 77, and 90 increase opportunities for building designers to receive plan approvals and inspections from local governments, rather than from S&B.

The draft proposal language is on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-RuleChanges.html#8>. The final language will be available after official printing and publishing by the state Revisor of Statutes office.

The following is a summary of the major revisions:

1. Fees are established for the division's role in administering plan review by second class cities and appointed agents. Comm 2.31(1)(e) and (f).

2. Fees are established for notifying S&B of election to use a registered individual for design and supervision for certain types of small buildings in lieu of S&B plan approval. Comm 2.31(1)(g).

3. Fees are established for approvals of alternate and experimental materials, and approvals of alternate standards. Comm 2.51.

4. An option is established that allows including more than one building in a petition for variance. Comm 2.52(3)(b) and (d).

5. The process for issuing building material approvals is changed to address approval of products that comply with the intent but not the text of the code, and to authorize experimental approvals of unproven products for the purpose of determining compliance with the code. The process change also includes repealing a requirement to obtain S&B

approval for light-transmitting plastics and direct-vent sealed-combustion chamber appliances, and repealing an optional procedure for independent testing laboratories to obtain S&B recognition. This process change is proposed for all three of the major building codes - the Commercial Building Code, the Multifamily Dwelling Code, and the One- and Two-family Dwelling Code. Comm 20 Subchapter VI, 50.19, and 66.25.

6.A process is codified for local officials to use in allowing temporary use of commercial buildings. Comm 50.03(6).

7. Language is created that requires compliance with the code in effect at the time of construction in the event a commercial building is converted from being exempt from the code to being not exempt. Comm 50.03(5).

8. A process is codified for allowing use of a standard specification that is equivalent to or more stringent than a standard which is incorporated by reference in the code. Comm 20.24(3) and 51.25(3).

9. Current language exempting farm buildings from the Commercial Building Code is clarified. Comm 50.04(2).

10. Buildings leased exclusively to the federal government are exempted from the commercial building code. Buildings leased in part to the federal government are exempted only if the lease provides for long-term federal control of the design

and operating decisions. Owners of buildings exempted under this criteria are required to record notification of the exemption and notification of the applicability of the commercial building code in the event other use ensues. Comm 50.04(6).

11. The list of buildings exempt from the Commercial Building Code is expanded to include: (A) A one- or two-family dwelling used as a foster

Plan review submitters and local code officials: Watch next month for more information on proposed new options as to where and under what circumstances different building plan reviews will be done.



home, treatment foster home, or group home, or as a child care institution having a capacity for eight or fewer children; (B) A one- or two-family dwelling in which a public or private day care center for eight or fewer children is located; (C) A one-classroom school building operated by and for members of a bona fide religious denomination that has teachings and beliefs prohibiting use of products, devices, or designs which are needed to comply with the code; and (D) any building or portion of a building that is exempted from the code by federal or state law. Comm 50.04(11), (12), (14), and (15).

12. Current language is expanded and clarified for electing to comply with the historic building code, rather than the Commercial Building Code or the existing building code, for qualified historic buildings. Comm 50.055, 70.03 (1)(a)3, and 75.001(1)(e).

13. References to sample forms in the appendices are deleted, the sample forms are deleted from the appendices, and notes are added stating that some forms are available from the division's web site. Comm 50.10 (3), 50.25, 50 to 64 Appendix, 66.09 to 66.26, and 66 Appendix.



14. S&B plan examination is exempted for small greenhouses and mini-storage buildings, which are specified as containing less than 25,000 cubic feet total volume. Comm 50.12(1)(i)1.

15. S&B plan examination is exempted for antenna structures. Comm 50.12(1)(i)2.

16. An option is created that allows substituting S&B plan approval with design and construction supervision by a registered design professional, for (A) buildings which contain from 25,000 to 50,000 cubic feet of volume and which are storage garages, greenhouses, mini-storage buildings, or within the scope of Comm 54, such as factories and office buildings; and (B) buildings which contain less than 25,000 cubic feet and which are within the scopes of Comm 55 to 61 and 66, such as theaters, assembly halls, schools, hotels, motels, multifamily dwellings, health care facilities, places of detention, airplane hangers, child day care facilities, and community-based residential facilities. Where this option is elected, a written notice and filing fee must be sent to S&B. Comm 50.12(1t) and 66.14(1t)].

17. Language is created for commercial buildings and multifamily dwellings that requires submittal of structural component plans to S&B, and requires the design to be by a registered professional for buildings containing volumes exceeding 50,000 cubic feet. Comm 50.12(3)(g) and 66.14(2)(f).

18. Language is created for commercial buildings that clarifies submittal requirements for individually-owned or leased spaces within multiple-tenant or-owner buildings, or for additions to existing buildings, particularly for buildings where previous submittals were to another review office. Comm 50.12(4)(e).

19. Language is created for commercial buildings and multifamily dwellings that allows second class cities, under specified conditions, to review plans for the large buildings which formerly were reviewed only by S&B and first class cities. The specified conditions include: (A) Having a registered architect or engineer supervise the review; (B) Collecting the same building and owner application information as required by S&B; and (C) Providing program administration fees and monthly activity reports to S&B. Comm 50.21(2)(j), and (5)(b) and (e)1.b. and 4 to 9; and 66.24(2)(k), and (5)(b) and (e)3b. and 4 to 7.

20. Language is created for commercial buildings and multifamily dwellings that allows a municipality to choose to assume only S&B's inspection responsibilities, rather than assume both inspection and plan review responsibilities. Comm 50.21(2)(k) and 66.24(2)(l).

21. Language is created for commercial buildings and multifamily dwellings that allows a certified municipality to review plans for any building addition containing no more than 2,500 square feet of total floor area and no more than one floor level, provided the largest roof span does not exceed 18 feet and the exterior wall height does not exceed 12 feet. Comm 50.21(5)(c)3b. and 66.24(5)(c)3b.

22. Language is created for commercial buildings that allows a municipality to retain its plan approval records in an electronic-based format rather than retain the original documents, and allows disposal of the records or documents after four years. Comm 50.21(5)(f)1b.

continued on the next page

Submittal package

continued from previous page

23. Language is created for commercial buildings and multifamily dwellings that allows a municipality, under specified conditions, to become an appointed agent of S&B for reviewing plans and performing inspections for buildings which would otherwise be S&B's responsibility. The conditions include: (A)



Documenting the qualifications of the municipality; (B) Describing S&B responsibilities desired by the municipality; (C) Collecting the same building

and owner application information required by S&B, and (C) Providing program administration fees and activity reports to S&B. Comm 50.22 and 66.24(8).

24. **Language is created that allows omitting toilet rooms in retail or mercantile buildings which accommodate no more than 25 occupants,** provided: (A) Other restrooms are conveniently available; (B) The omission is approved in writing by the local unit of government; and (C) The written local approval is filed with S&B. Comm 54.12(1)(a) and (2)(b)4.

25. Language for the number of sanitary fixtures at public swimming facilities is clarified to more clearly convey the minimum number of fixtures that are required by the Commercial Building Code, the Multifamily Dwelling Code, or the Public Swimming Pool Code. [Comm 54.05(4); 54.12(1)(c) Note; Table 54.12-A and Footnotes 1 and 2; 54.12-B Notes (2) and (3); 55.32(2) Note; Table 55.32, Footnote 4, and Notes(2) and (5); 66.45(2)(b)2; and 90.16(1).

26. Language is created for self-service gasoline stations that use a key- or card-operated fuel dispensing device, which allows toilet rooms to be unavailable during periods when the station is

unattended by an employee. Comm 54.12(2)(f)2b.

27. Language is repealed that allows only S&B or first class cities to perform statutorily required maintenance inspections of public schools. [Comm 56.21.

28. Life safety requirements for public schools constructed before 1950 are repealed. Comm 56 Subchapter IV]

29. The scope sections of Comm 57 and 66 are clarified to more clearly convey that Comm 57, rather than Comm 66, applies to an addition or alteration for multifamily dwellings that were approved prior to the implementation of Comm 66 in 1995. Comm 57.001(1)(k) and 66.02(1)(a) to (d).



30. Language is created allowing supporting an antenna system with a structure that is used for electric power or communication systems, provided a registered architect or engineer determines the support system will sustain all the live, dead, and special loads. Comm 62.40.

31. **Language is created that codifies the design and construction requirements which are currently applied to membrane structures.** Comm 62 Subchapter IV.

32. A previous cross reference is reinserted requiring only one means of egress from a loft. Comm 66.345(3)(a).

33. Language is created clarifying how Comm 52.07 atrium requirements apply to multifamily dwellings. Comm 66.41(4)(d).

The draft proposal language is on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-RuleChanges.html#8>. The final language will be available after official printing and publishing by the state Revisor of Statutes office.



Events Calendar

June 13, 2000, Tuesday, **Elevator Code Council**, 9 a.m. - 3 p.m., Thompson Commerce Center, Rm. 3C, 201 W. Washington Ave., Madison, Diane Meredith, dmeredith@commerce.state.wi.us, 608-266-8982

Contact the listed Code Consultant for information on the meetings agenda, locations, etc. If you have questions concerning technicalities of the codes which are the subjects of the meetings, contact consultants and reviewers listed on pages 14 and 15 of this *WBCR*.

Material Approvals

Per Comm 10.125, Comm 20.18, and Comm 50.19, the following have been issued material approvals in month, year. The approvals are valid for five years. Copies of the full approvals are available from the Safety and Buildings Division Integrated Services Bureau, PO Box 2658, Madison, WI 53701-2658.

TimberStrand LSL and T-J Strand, Rim Board, 200024-W (Revision 2)

Trus Joist
200 East Mallard Drive
Boise, ID 83706

Vapor Barrier Paint, 200034-O (Replaces 940005-O)(Rev.2)

Hoffer's Coatings, Inc.
310 S. Bellis St.
Wausau, WI 54403

Dual Use Supply Boilers, 200027-H

Laars Heating Systems
20 Industrial Way
Rochester, NH 03867-4296

Furnace, 200037-H (Replaces 940064-H and 980029-H)

The Trane Co.
2231 East State St.
Trenton, NJ 08619

Hot Water Boilers, 200029-H, (Replaces 940023-H)

Advanced Thermal Hydronics
260 North Elm St.
Westfield, MA 01085

ACQ Type B and D Wood Preservative, 200040-O (Replaces 940070-O)

Chemical Specialties, Inc.
200 East Woodlawn Rd.,# 250
Charlotte, NC 28217

Insulated Concrete, 200030-R (Replaces 940024-R)

West Materials, Inc.
17990 Ixonia
Avenue West
Lakeville, MN 55044

Sprung Instant Structure, 200032-A

Sprung Instant Structures, Inc.
6412 Carrollton Ave.
Indianapolis, IN 46220

Gas Furnace, 200033-H

Amana Heating
1810 Wilson
Parkway
Fayetteville, TN 37334

June 14, 2000, Wednesday, **Multifamily Dwelling Code Council**, 9:15 a.m. - 3 p.m., Wisconsin Builders Assoc., 4868 High Crossing Blvd, Madison, Sam Rockweiler, srockweiler@commerce.state.wi.us, 608-266-0797

June 15, 2000, Thursday, **Commercial Building Code Council**, 9 a.m. - 3 p.m., UW-Madison Agricultural Research Station, 8502 Mineral Point Road, Verona,, Jean MacCubbin, jmaccubbin@commerce.state.wi.us, 608-266-0955

June 19, 2000, Monday, **IBC - HVAC Code Council**, 8:30 a.m. - 3 p.m., Thompson Commerce Center, Rm. 3C, 201 W. Washington Ave., Madison, Jean MacCubbin, jmaccubbin@commerce.state.wi.us, 608-266-0955

July 13, 2000, Thursday, **Commercial Building Code Council**, 9 a.m. - 3 p.m., Location to be announced, Jean MacCubbin, jmaccubbin@commerce.state.wi.us, 608-266-0955

S&B Bureau of Integrated Services Management Contacts

Bureau Director: Randy Baldwin, 608-267-9152
Green Bay office: Brad Johnson, 920-492-5605
Hayward Office: John Spalding, 608-789-4693
LaCrosse Office: John Spalding, 608-789-4693
Madison Office:

Clyde Bryant 608-266-1835

Mary Jacobson 608-266-8456

Jim Miller 608-266-8072

Credentialing Unit Supervisor, Terry

Gudmandsen: 608-261-6554

Mobile Home Unit Super., Malini

Ganeshpillai, 608-266-5333

Shawano Office: Brad Johnson, 715-524-6853

Waukesha Office: Tony Rubio, 262-548-8610

This page had an advertisement for the S&B WebSite that was a memory-hog. It was removed from this PDF.

CERTIFIED MUNICIPALITIES

Per ILHR 50.21, the following municipalities are certified to review plans for new buildings containing less than 5,000 sq. ft. total area; additions to existing buildings where the total area after construction of the addition is less than 5,000 sq.ft.; and alterations to existing building where the area of altered space is less than 10,000 sq. ft. If your project is located in a listed municipality, and meets the size criteria, contact the municipality for plan review. For information regarding the current status of a municipality, call 608-267-7586, or check the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CertifiedMunicipalities.html>.

<u>Counties</u>	Fitchburg	Middleton	Pleasant Prairie	Sussex
Eau Claire	Fond du Lac	Milwaukee*	Plover	Twin Lakes
	Fontana	Monroe	Port Edwards	Walworth
<u>Cities and Villages</u>	Fort Atkinson	Muskego	Poynette	Waterford
Altoona	Franklin	New Berlin	Racine	Waukesha
Antigo	Fredonia	New Richmond	Rhineland	Waunakee
Augusta	Glendale	N. Fond du Lac	Ripon	Waupun
Beloit	Grafton	Oak Creek	Seymour	Wausau
Berlin	Green Bay	Oconomowoc	Sheboygan	Wauwatosa
Big Bend	Greenfield	Omro	Silver Lake	West Allis
Black River Falls	Hartland	Osceola	Stevens Point	West Bend
Brookfield	Hortonville	Oshkosh	Sturgeon Bay	West Milwaukee
Brownsville	Howard	Osseo	Sun Prairie	Weyauwega
Burlington	Janesville*	Paddock Lake	Superior	Whitefish Bay
Cedarburg	Jackson			Wis. Rapids
Cudahy	Johnson Creek	*Municipalities marked with an* are authorized to review plans without limit on size of building or project.		
Delafield	Kaukauna			
Dousman	Kenosha	<u>Towns (County)</u>	Delavan (Walworth)	
Dresser	La Crosse	Berry (Dane)	Farmington (Polk)	
Eau Claire	Lake Geneva	Bloomfield (Walworth)	Geneva (Walworth)	
Elkhorn	Madison*	Blooming Grove (Dane)	Grand Chute (Outagamie)	
Elm Grove	Marshfield	Bristol (Kenosha)	Grand Rapids (Wood)	
Fall Creek	Mequon	Cottage Grove (Dane)	Hull (Portage)	

There is also a group of municipalities having inspection authority for commercial and multifamily buildings, but which do not have plan review authority. (The Safety and Buildings Division does the plan review.)

Inspections Only

Village of Belgium (Ozaukee)	Town of Pleasant Springs (Dane)
Village of Cambridge (Dane)	Town of Rochester (Racine)
Town of Cedarburg (Ozaukee)	Village of Rochester (Racine)
Town of Lyons (Walworth)	City of So. Milwaukee (Milwaukee)
Town of Madison (Dane)	City of Sparta (Monroe)
Town of Oakland (Jefferson)	Village of Sturtevant (Racine)
Village of Oregon (Dane)	Town of Summit (Waukesha)
	Village of Thiensville (Ozaukee)

Delavan (Walworth)
 Farmington (Polk)
 Geneva (Walworth)
 Grand Chute (Outagamie)
 Grand Rapids (Wood)
 Hull (Portage)
 LaGrange (Walworth)
 Linn (Walworth)
 Mukwonago (Wauke.)
 Norway (Racine)
 Ottawa (Waukesha)
 Plover (Portage)
 Raymond (Racine)
 Seymour (Eau Claire)
 Somers (Kenosha)
 Springdale (Dane)
 Sugar Creek (Walworth)
 Theresa (Dodge)
 Walworth (Walworth)
 Waterford (Racine)
 Waukesha (Waukesha)
 Wheatland (Kenosha)
 Windsor (Dane)

Safety and Buildings Offices

(Maps of S&B office locations are available on the WebSite at <http://www.commerce.state.wi.us/SB/SB-Offices.html>)

Green Bay Office

2331 San Luis Pl #150
Green Bay WI 54304
920-492-5601
Fax 920-492-5604
greenbaysch@commerce.state.wi.us

Hayward Office

10541N Ranch Rd
Hayward WI 54843
715-634-4870
Fax 715-634-5150
haywardsch@commerce.state.wi.us

La Crosse Office

4003 North Kinney
Coulee Road
La Crosse WI 54603
608-785-9334
Fax 608-785-9330
lacrossesch@commerce.state.wi.us

Madison Office

201 W Washington Ave
PO 2658
Madison WI 53701
608-266-3151
Fax 877-840-9172
madisonsch@commerce.state.wi.us

Shawano Office

1340 E Green Bay St #300
Shawano WI 54166
715-524-3626
Fax 715-524-3633
shawanosch@commerce.state.wi.us

Waukesha Office

401 Pilot Ct # C
Waukesha WI 53188
262-548-8600
Fax 262-548-8614
waukeshasch@commerce.state.wi.us

Plumbing Consultants

Tim JoyceMadison 608-825-4724
Don OremusPelican Lake 715-487-6123
Jim WehingerFriendship 608-339-7430
Jim ZickertEldorado 920-872-2656
Tom Bembmister, Superv. Chippewa Falls 715-726-4520

Plan Review Scheduling

For plan review scheduling for Plumbing and Buildings, call the S&B office numbers listed above, or contact the email address shown. Fax scheduling is possible, 877-840-9172.

Information about the project will be needed to schedule the plan review. Any of the offices can schedule the first appropriate plan review available statewide.

Plan review for Private Onsite Wastewater Treatment Systems is provided on a first-come, first-served basis. Contact one of the offices.

For scheduling info, also see <http://www.commerce.state.wi.us/SB/SB-DailyDoc.html>.

Specialty Telephone Contacts

Barrier Free AccessDonna Stilen262-548-8609
Codes Sales800-362-7253
Credentialing608-261-8500
Elevator Plan ReviewBrian Rausch262-521-5444
Heating and Ventilation ..Randy Dahmen608-266-3162
Historic BuildingsDuane Peterson715-524-6852
Hospitals & Nursing Homes, DHFS608-266-3878
Industrial HygienistsRichard Brandt262-521-5187
Tom Pritchett608-592-3974
LightingRandy Dahmen608-266-3162
Manufactured Dwellings Gary Ekes608-355-0108
Mobile/Manufactured Homes608-266-8577
Plan Review StatusS&B offices listed on this page
RefrigerationMike Verhagen262-548-8617
Soil Erosion ControlMary Jo Webster ..608-266-2128
Structural Steel Welding .Mike Verhagen262-548-8617
TrainingTom Kasper608-267-7586
Uniform Dwelling Code ...Leroy Stublaski608-267-5113
Rental Weatherization...Delores Kolosovsky 608-267-2240
Teletypewriter (TTY)608-264-8777

Boiler Inspectors

Duane Leetch Cornell 715-239-6009
James Markiewicz Appleton 920-832-5287
Rick Merkle Kenosha 262-653-6880
Rodney Nuttall Portage 608-742-0321
Steve Seibel Fond Du Lac 920-929-7513
Dean Yourchuck, Jr Muscoda 608-929-4578
Terry Waldbillig Waukesha 262-521-5066
Harold Stanlick, Superv. Waukesha 262-521-5065

POWTS Plan Reviewers

Tom Derveraux Hayward 715-634-3026
Wes Grube Green Bay 920-492-5613
Robert Kanter Madison 608-261-7735
Julia Lewis-Osborn Waukesha 262-548-8638
Pete Pagel Madison 608-266-2889
Jim Quinlan Madison 608-266-3937
Pat Shandorf Hayward 715-634-7810
Jerry Swim La Crosse 608-785-9348
Keith Wilkinson Shawano 715-524-3630

POWTS Wastewater Specialists

Ross Fugill Shawano 715-524-3629
Leroy Jansky Chippewa Falls 715-726-2544
Carl Lippert Hayward 715-634-3484
Karl Schultz Oshkosh 920-424-3311
Dennis Sorenson La Crosse 608-785-9336
Duane Steiner West Baraboo 608-355-3159
Allen Wendorf Madison 608-873-5476
Harold Stanlick, Superv. Waukesha 262-521-5065

The Department of Commerce does not discriminate on the basis of disability in the provision of services or in employment. If you need this printed material interpreted or in a different form, or if you need assistance in using this service, please contact us, 608-266-3151, TTY 608-264-8777.

Sample S&B email address:
samacher@commerce.state.wi.us

Public Sector Occupational Safety Inspectors

Scott Amacher Cameron 715-458-4872
Terrence Clark Stevens Point 715-345-5342
Tomothy Condon Waukesha 262-521-5189
Manuel Juarez, Jr. Orfordville 608-879-2764
Vernon Lemke Green Bay 920-492-5615
Shirley Noltemeyer Waunakee 608-849-9862

Elevator Inspectors

David Holmes Eau Claire 715-836-7268
Kenton Johnson Mount Horeb 608-437-4093
Jim Kreuzer Tomah 608-374-2430
Timothy Marty Appleton 920-832-5290
George Poblocki Amherst 715-345-5277
Roger Robbins De Pere 920-336-0719
Jerry Rowell Argyle 608-543-3414
Ted Stinson Waukesha 262-521-5065
Bernard Zalewski Lac du Flambeau 715-588-2279
Frank Wozniak Waukesha 262-521-5065
Tom Bembmister, Superv. Chippewa Falls 715-726-4520

Fire Safety Consultants

John Andersen Chippewa Falls 715-726-2556
Dave Bruflat Hayward 715-634-6739
Lyle Smith Waukesha 262-548-8621
Robert Kiser Appleton 920-954-1451
Terry Nolen Verona 608-845-5375
Dan Graham, Superv. Madison 608-264-7624

Plumbing Plan Reviewers

Ryan Boebel Madison 608-261-6535
Herman Delfosse La Crosse 608-789-5535
Tom Devereaux Hayward 715-634-3026
Wes Grube Green Bay 920-492-5613
Dan Kraft Madison 608-266-8075
Ken Pertzborn Madison 608-267-2242
Robert Samuels Waukesha 414-548-8634
Curt Wendorff Shawano 715-526-9056

The *WBCR* is a monthly publication of the Safety and Buildings Division, Wisconsin Department of Commerce. It is delivered to about 4300 frequent plan submitters, inspectors, fire chiefs, and fire sprinkler credential holders. Subscriptions are also available (see page 2). The publication provides information on fire safety, building-related codes, and licensing topics.

SBD8482P

Electrical Consultants

Monte Ewing Madison 608-266-3064
Tom Garvey Milwaukee 414-747-0256
Raymond Weber Wis. Rapids 715-421-2610
Dan Graham, Superv. Madison 608-264-7624

Commercial Building Inspectors

Leonard Alexander Reedsburg 608-524-3374
John Anderson Clintonville 715-823-2014
David Bibeau Antigo 715-627-7329
Teresa Black Hayward 715-634-8114
Nicholas Charles Chippewa Falls 715-726-2541
John Dahl Menomonie 715-232-6600
Jane Drager Combined Locks 920-788-4616
Steven Gothard Cottage Grove 608-839-9835
Emil Jensen Green Bay 920-822-2915
Chris Luster Prairie du Chien 608-326-6779
Veronica Miller Waukesha 262-521-5067
John Nygard Green Bay 920-434-7192
Peter Ochs Fond Du Lac 920-929-3167
Charlotte Martin Edgerton 608-884-4168
Lawrence Weede Lake Geneva 262-248-4922
Betty Wiese Milwaukee 414-228-6956
Mark Stevenson, Superv. Green Bay 920-492-5611

Commercial Building Plan Reviewers

Green Bay Don Diedrick 920-492-5606
Tony Grzybowski 920-492-5609
Minh Tran 920-492-7730
Jack Wotruba 920-492-6500

Hayward Jack Miller 715-634-8964

La Crosse Doug Erler 608-789-4690
Jon Molzahn 608-785-9344

Madison Kenneth Beseke 608-261-8504
Jon Buschke 608-266-1921
Randy Dahmen 608-266-3162
Lynne LeCount 608-267-2496
Dale Mitchell 608-266-0669
(Nizam) S. Nizamuddin 608-267-0768
Rick Olson 608-266-9291
Ellis Pifer 608-266-0676
Moktar Taamallah 608-266-8737
Mike Valdovinos 608-267-2498

Shawano Steve Dobratz 715-526-9019
Irene Gerloff-Heckert 715-524-6851
Duane Peterson 715-524-6852

Waukesha John Courchaine 262-548-8603
Lee Finley 262-548-8611
Henry Kosarzski 262-548-8615
Tariq Masood 262-548-8608
Donna Stilen 262-548-8609
Larry Stilen 262-548-8607